

ICT

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Curriculum map prep3

Second term





the computer preparation bookvision

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally and thus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in a appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students

the computer preparation book mission

- Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.
- Creating an environment that stimulates learning and creativity to raise the level of students in computer science.
- Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them
- Choosing scientific methods and means in teaching and using technology to support and enhance And facilitating the educational process.
- Use a presentation to explain the lesson, simplified and omprehensive, for all points of the lesson
- Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals
- Conclude the lesson in an appropriate and varied manner

Teacher

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Guider

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School manager

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	learning outcomes	current curriculumcontent	Strategy	Teaching aids	calendar methods	Evidence and evidence	enrichment activities
Chapter One (Data)							
Understand new concepts in the programming language such as constants and variables.	Lesson 1 Types of data	Brainstorming	Electronic board-book-presentation	Student's Book	Lesson preparation book	Conduct research on data	
Identify the concept of data and its types.							Problem Solving
Acquire the skill of dealing with different types of data							Dialogue and discussion
Declare constants and variables in a correct manner -	Lesson 2 Constant & Variables	Dialogue and discussion				research on a comparison between Constant & Variables	
Recognizes the importance of the allocation clause. -		practical training					
Differentiate between constants and variables		Problem solving					
Identify the priorities of calculations.	Lesson 3 Priority rules of Arithmetic operations and errors	Brainstorming				Solve complex mathematical problems using the order of operations	
Manages to solve some arithmetic problems		Dialogue and discussion					
Realizes the importance of the priorities of arranging calculations		Problem Solving					
Understand new concepts in the programming language such as constants and variables.	:Lesson 4 Solve chapter questions	Brainstorming				Solve all Chapter One questions	
Mention the important information gained from chapter 1		Critical thinking					
Solve the questions in the textbook.		Dialogue and discussion					
Chapter Two (Branching)							
Recognizes conditional expressions	Lesson 1 Branching with IF...then	Brainstorming	presentation	Student's Book	preparation	Create a branching structure in Visual Basic	
Use the phrase If... then.							Critical thinking
Feel the importance of branching in the language of VB.net.							Dialogue and discussion
Differentiate between the sentence of... then and between the Select clause... case.	Lesson2 Branching with Select...case	cooperative learning					
Write Select code... case in branching.		Critical thinking					
Recognize the importance of branching in the language of VB.net		Dialogue and discussion					



Mention important information gained from chapter	Lesson 3 Solve chapter questions	Brainstorming				Solve all Chapter One questions
Recognize new concepts in the programming language such as conditional expression.		Critical thinking				
Solve the questions in the textbook.		Dialogue and discussion				
Chapter Three(Looping & Procedures)						
Mention the concept of recursive loops	Lesson 1 For...Next	Practical Training	Electronic board-book-presentation	Student's Book	Lesson preparation book	Create complete loops
Use for... Next to execute code a specified number of times.		Dialogue and discussion				
Feel the importance of recursive loops in VB.net language		Problem solving				
Display the numbers inside the textbox.	Lesson 2 Following For... Next	Practical Training				Execute codes for an infinite number of times
Set the Multiline property correctly.		Dialogue and discussion				
Conclude some observations about the sentence For... Next		Problem solving				
Use the DO clause. While to execute code an indefinite number of times.	Lesson 3 Do... While	Dialogue and discussion				Conduct research on procedures
Recognize the use of the Do.. clause While		practical training				
Deduce some commands for the DO... While		Problem solving				
Recognize the concept of the procedure	Lesson 4 Procedures	Dialogue and discussion				Handle the function correctly
List the types of procedure.		practical training				
Recognizes the importance of various procedures		Problem solving				
Recognize the concept of Function.	Lesson 5 Function	Practical Training				Research on cyberbullying
-Acquire the skill of dealing with the function correctly .		Dialogue and discussion				
Recognize the importance of the function		Problem solving				
Defines cyberbullying.	Chapter Four Cyberbullying	Dialogue and discussion				
Identifies the means of cyber infringement		practical training				
Follows the correct behavior in the face of cyberbullying..		Problem solving				